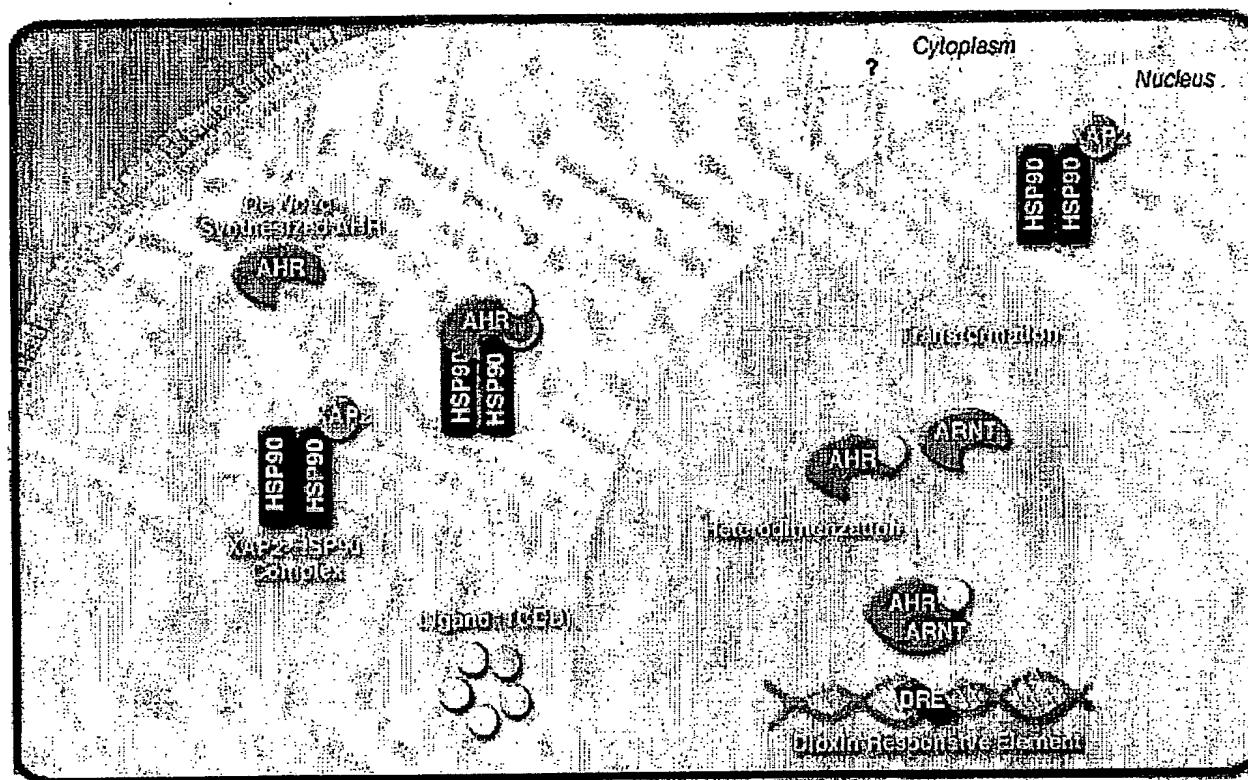


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Figure 1/10



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Figure 2/10

Treatment	Mechanism of Redox Control
Mannitol	Scavenges hydroxyl radical
Ebselen	Scavenges peroxynitrite and superoxide anion
NOHA	Generates nitric oxide
1400W	Inhibits inducible nitric oxide
N-Acetyl Cysteine	Increases intracellular glutathione levels
PDTC	Scavenges hydroxyl radical and superoxide anion
Glucosamin	?

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Figure 3/10

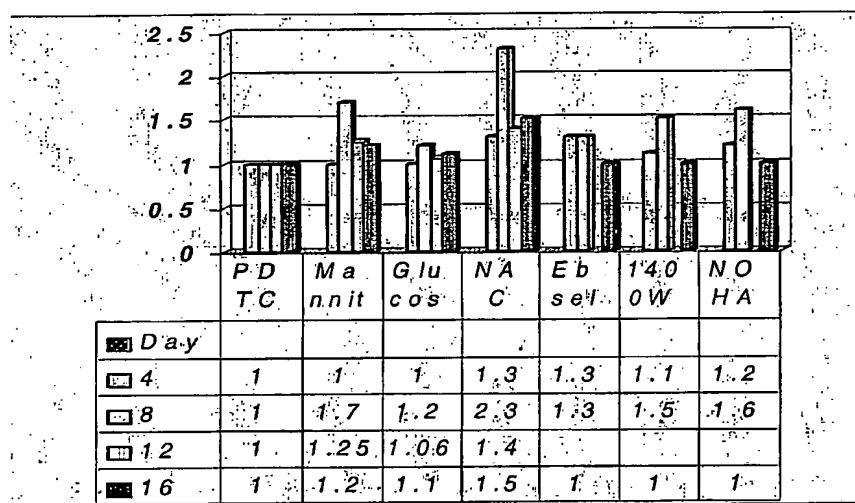


Figure 4/10

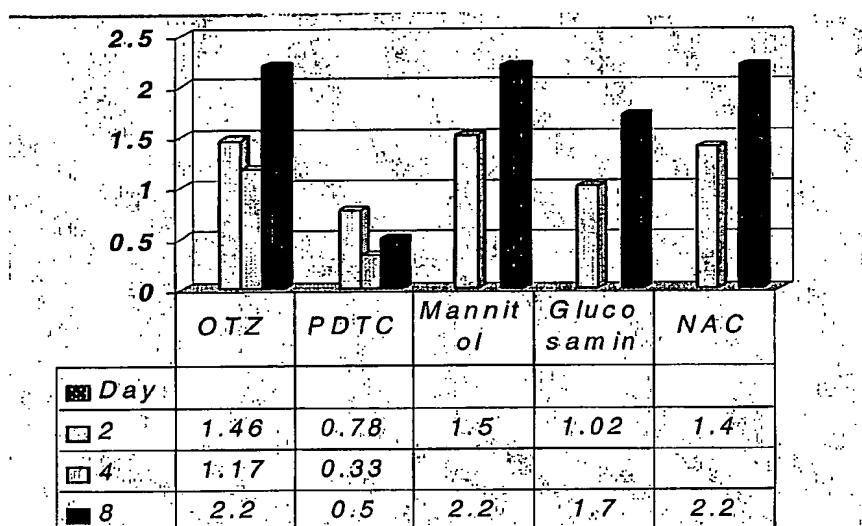


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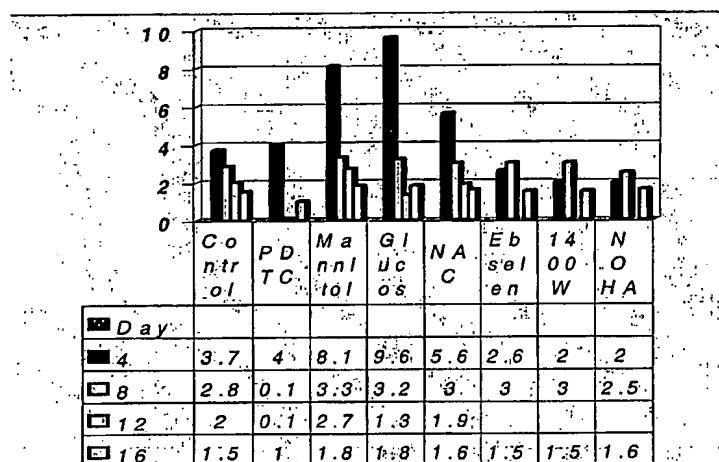


Figure 6/10

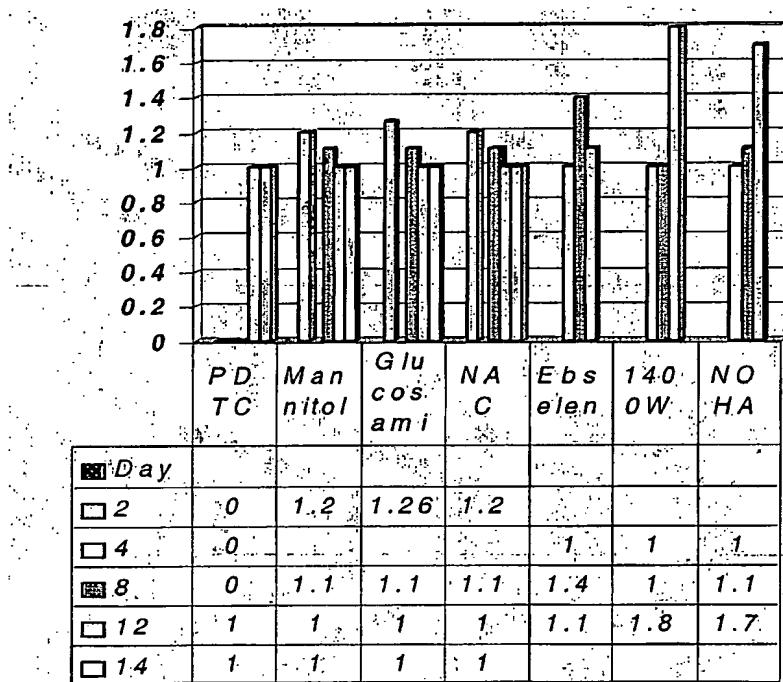


Figure 7/10

**Western Blotting for CYP1A1 in 3-MC treated hepatocytes**

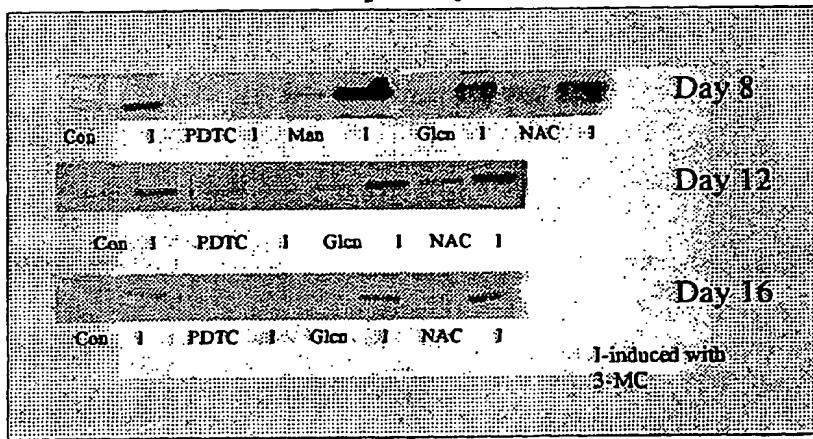


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Day	untreated	OTZ	Mannitol	NAC	SOD	Toco-S	Toco-S+O	Trolox	NMA
2	1	1.5	1.7	1.5	1.3	1.4	1.4	1.7	1.2
4	1	1.3	1.4	1	1.1	1.5	1.3	1.5	1
6	1	1.9	1.1	1.1	1.5	1.3	1.3	1.3	1
8									
10	1	2.6	1.2	1	4	2.6	2.3	2.3	1.8
14	1	3	2	1	1.3	1	1.5	1	1
18	1	3	1	1	1.3	1	1.3	1	1
20	1	1.4	1	1			1		
22	1	1.5					2.4		
24	1	1.8	1.7	1.4	1.7	2.1	1.1		
34	1	1.7	1.2	1.4	1.7	2.1	1.1		
36	1	1.3				1.3			
44	1	1.6	1.5	1.3	1.1	1.3			1.2
60	1	1.8	1	1	2	1	1.7	1.9	
72	1	2.8	1.8	1	1.7	1			

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Figure 8.2/10

TUDC	Urso	Ebselen	1400W	NOHA	Arginine	Pyruvate	Toco+TocOTZ+manOTZ+Glc
1.3	1	1	0.5	0.5	2.1	1.5	2.85
1						1.5	

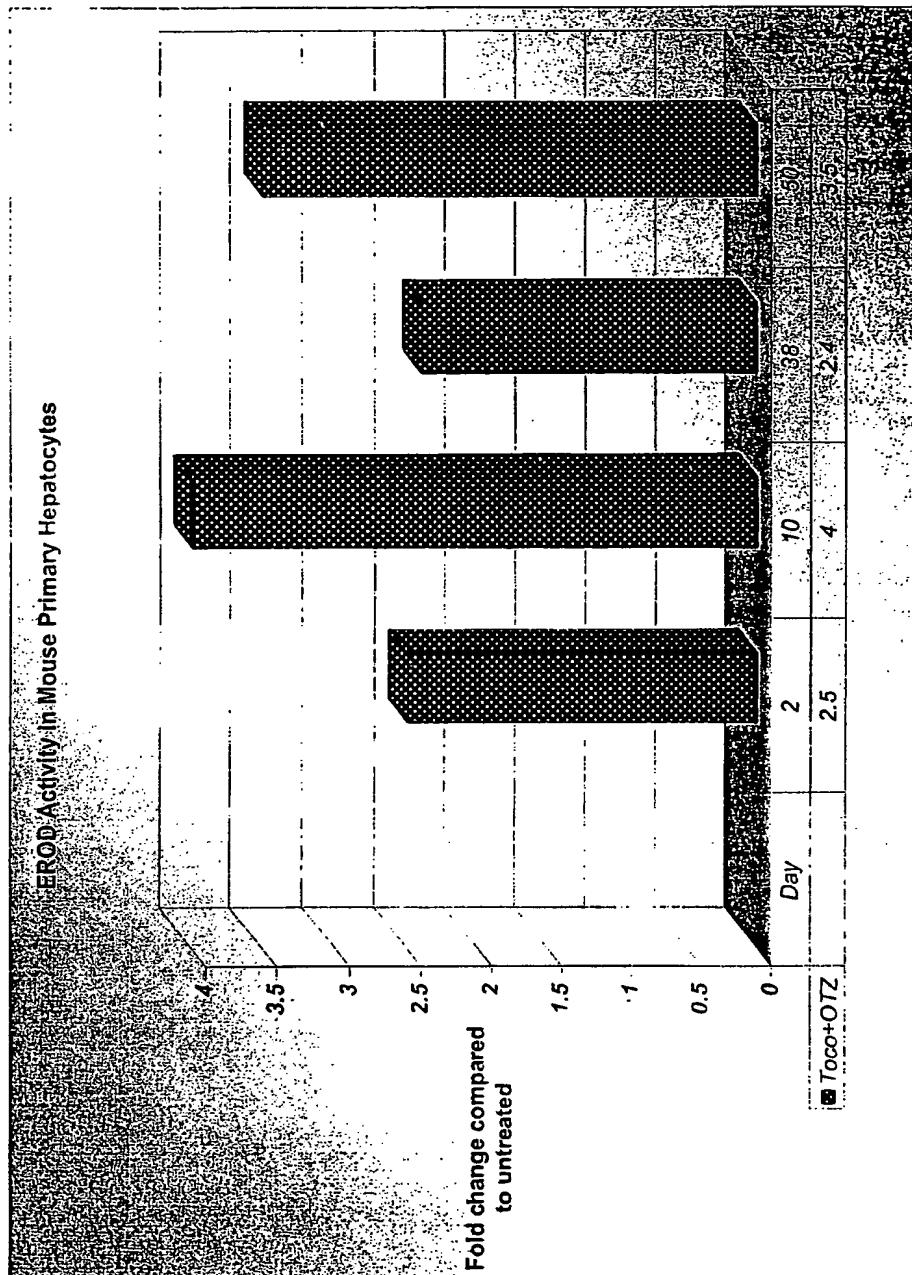
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Figure 9/10



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